

Mass Spectrometric Investigation of Beams of
Condensed Hydrogen, by W. Henkes.

GERMAN, per, Zeitschrift fur Naturforschung,
Vol 17 A, 1962.

*AFCRL

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Aug 68

63-16559

Nassenstein, H.
TOTAL REFLECTION ON ELECTROCHEMICAL
BOUNDARY LAYERS. [1963] 31p. 13 refs.
Order from SLA \$3.60 63-16559

I. Nassenstein, H.

Trans. of Zeitschrift fur Naturforschung (West
Germany) 1962, v. 17a, no. 1, p. 8-17.

DESCRIPTORS: *Refractive index, *Electrochemistry,
*Boundary layer, Solutions, Membranes, Electric cur-
rents, Optical properties, Diffusion, Test methods,
Tests.

The index of refraction can be varied by electrical
means to such an extent in electrochemical boundary
layers of suitable solutions that in a large sector total
reflection of light can be produced on such a boundary
layer. The optical effects of the boundary layer in the
case of total reflection are discussed after the calcula-
(Chemistry--Physical, TT, v. 10, no. 7) (over)

Office of Technical Services

Lattice Vibrations in Crystals with Wurtzite Structure. Part III. Discussion of the Oscillations in Special Directions in the Case of Neglect of Coulomb's Forces. Comparison with the Zinc Blende Lattice, by L. Merten.

GERMAN, per, Zeit fur Naturforschung, Vol 17 A, No 1, 1962, pp 65-85.
NTC 69-10823-20B

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Paramagnetic Resonance of Mn ions in AgCl
Single Crystals, by J. Schneider, et al.
4 pp.

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pp. 155-158.

*CFSTI TT 70-58100

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CSIRO/No 6054

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Study of the Recovery of Electrical Resistivity
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GERMAN, per, Z. Naturforschg. No 17a, 1962, pp 228-
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*NBS TT 70-57470

Sci-Mat
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Gaus, H.
CALCULATION OF THE DIFFUSION OF RADIOACTIVE
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97, (1962) 136.

(Taken from ATS 119, 73)

ATS-12P62G

From: Zeitschrift für Naturforschung (West
Germany) 1962, v. 17a, p. 297-305.

DESCRIPTIONS: *Solids, *Rare gases, Gases, Radio-
activity, *Diffusion, Determination.

(See also ATS-11P62G)

I. Gaus, H.
II. ATS-12P62G
III. Title: Diffusion . . .
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Services, Inc., East
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ATS-897-GJ

Office of Technical Services

(Chemistry--Physical, TT, v. 8, no. 12)

The Polarization of the Quasimonochromatic
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10 pp.

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Vol. XVIIa, 1962, pp 332-334.

EC-SLAC-T-1

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Boer, K. W. and Lubitz, K.
THE CONTACT PROBLEM ON CdS SINGLE
CRYSTALS. [1963] 11p.
Order from ATS \$13.75 ATS-46Q69G

Trans. of Z[eitschrift für] Naturforsch[ung] (West
Germany) 1962, v. 17A, no. 3, p. 397-403.

DESCRIPTORS: *Single crystals, *Cadmium
compounds, *Sulfides, Solid state physics.

(Physics--Solid State, TT, v. 10, no. 5)

63-17767

I. Boer, K. W.
II. Lubitz, K.
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Measurements of Nuclear Magnetic Relaxation
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W. Moeller-Warmuth, 18p.
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NTC 71-14291-06C

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ABC-Tr-5767

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The Schwarzschild Exponent of Ilford "Q" Plates
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E. Hebeda, 6 pp.

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SLA TT-63-20328

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The Resistivity and the Field of Rectangular Hall
Plate, by J. Hasusler.

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Thermal Diffusion of Li Isotopes in Pure Molten
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Reaction-Kinetic Analysis of Recovery of Cold-
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21 pp.

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Sci - Mat & Met

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The Separating Nozzle Method with a
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NLL Ref: 9091.9F (CA Trans 194)

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Theory of the Stacking Fault Energy in Face-Centered
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AEC-Tr-5708

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Selbst-Diffusion in Molten Potassium, by J. Dohlin,
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100-11-5004

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Aug 63

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The Use of Isotope Transport to Study the Effective
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7 pp.

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Field-Ionization Mass Spectra of Organic
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Intracrystalline Swelling and Interlayer
Inclusion Compounds, of Calcium-Mono-Methyl
and Calciummono-Ethyl Phosphoric Acid Esters,
by A. Weiss, K. Hartl.
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Sci - Chem
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The Effect of OH Radicals and H Atoms in Dilute
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parison with That of X Rays, by H. Engelhard,
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DISLOCATION CONTRAST WIDTH ON X-RAY FILM,
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TT-64-16579

Trans. of Zeitschrift für Naturforschung (West
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TT-64-16579

I. Wilkins, M.
II. Mader, F.

(Physics---Solid State, TIT, v. 12, no. 3)

Office of Technical Services

The Direct Current Disruption Spark as a New Ion
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*AEC - SC - T - 558
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AEC-tr-5972

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Enrichment of Lithium Isotopes by Counter-
Current Electrolysis in Aqueous Solution, by
W. Thiemann, K. Wagoner, 21 pp.

GERMAN, per, Zeit. Naturforsch, Vol XVIIIa, 1963,
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AEC-tr-5973

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Separation of Uranium Isotopes with a Separating
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Self-Diffusion of K in K-Metal, by
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Quantitative Study of the Rating of a Fully
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NTC-71-12297-20I

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A Double-Focussing Mass Spectrometer With an Non-Homogeneous Magnetic Field and Toroidal Condenser, by H. W. Wachsmuth, H. Ewald, 15 pp.
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(Physics--Electronics, TT, v. 12, no. 2)

TT-64-10166

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Office of Technical Services

TT-64-10190

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Order from SLA \$1.60

TT-64-10190

Trans. of Zeitschrift für Naturforschung (West
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DESCRIPTORS: *Ion sources, *Ions, *Acceleration,
Oscillation, High frequency, Sparks, Oscillographs,
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Discharge tubes.

(Physics--Electronics, TT, v. 11, no. 9)

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Lukosz, W.
A METHOD FOR OPTICAL IMAGE FORMATION
WITH A RESOLVING POWER EXCEEDING CLASSI-
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Abbildung mit einem über die Klassische Auflösungs-
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5p 5refs.
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Acceleration of Plasma, by W. Rieger, H.
Gresser.

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Vol 18a, 1963, pp 453-459.

Dept of Navy/ APL/JNN 7-2054

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Measurements of a Plasma Front Traveling
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Elisabeth Meder, 13 pp.
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Vol XVIIIa, 1963, pp 459-465. PS00016167
Dept of Navy/ONI Tr No 2243

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Cyro-Pump Tests Using Hydrogen Under Ultrahigh
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Quantitative Analysis of the Cryotrapping Effect
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The Fluorescence of NH-Radicals During the Photo-
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No 5, 1963, pp 600-603.
NASA TT F-8746

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*CFSTI TT 70-58102

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NRC C-5023

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The Temperature Dependence of Sensitized
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Pressure Increase in a Plasma Arc Column of
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AEC ORNL-tr-1437

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The Investigation of the Doping Properties of
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The Theory of Thermodiffusion in Binary
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Mar 67

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Determination of Ribonucleic Acid in Plant Material,
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Sci - Chem
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Separation and Description of Cytoplasmic
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H. Tuppy.

GERMAN, per, Zeitschrift fuer Naturforschung,
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Sci-B&M
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Characterization of Various Non-Infectious
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NIH 9-23-64

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Electrophoretic Mobility of Bovine
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16 pp.

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NIH 10-5-63

Sci - Biol & Med
Nov 63

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The Constitution of Ganglioside G_{M1}, G_{M2} and G_{M3}, by R. Kuhn,
7 pp.
GERMAN, par, Zeit für Naturforschung, Vol XVIIIb, No 7,
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NIH 1-6-64

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16 May 67

Hemmung der Photosynthese durch Kohlenoxyd und Aufhebung d
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photosynthesis by Co and correction of this inhibition
through light)

By: Gevitz, H. S. and Volker, W.

From: Zeitschrift fur Naturforschung, Band 18b, Heft
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Photodissociation of H_2 , N_2 , O_2 , NO, CO, H_2O , CO_2
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GERMAN, per, Zeitschrift Für Naturforschung, Vol 19a,
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NASA TT F 13,864

NTC 72-14493-D7E

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Association of Molecules by High Electric Fields,
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GERMAN, per. Z. fuer Naturforschung, Vol XIXa,
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Language: German

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